Author Index

Andrawes, F.
——, Chang, T. and Scharrer, R.
Analysis of volatiles in tall oil by gas chromatography, flame-photometric detection, flame-ionization detection and mass spectrometry 145
Batten, C. F., see Wentworth, W. E. 215
Bayer, E., see Pfleiderer, B. 67
Beebe, J. M.
——, Brown, P. R. and Turcotte, J. G.
Analytical-scale high-performance liquid chromatography of omega-3 fatty acid esters derived form fish oils 225
Berger, A. W., see Driscoll, J. N. 303
Bertsch, W., see Holzer, G. 181
Bourne, T. F., see Holzer, G. 181
Bradley, N., see Morgan, E. D. 339
Brindle, P. A., see Brooks, C. J. W. 201
Brooks, C. J. W.
——, Cole, W. J. and Brindle, P. A.
Characterisation of products formed by condensations of primary amines with polygodial, and their scope for enantiomer analyses 201
Brown, P. R., see Beebe, J. M. 225
Bruner, F., see Xiang, M. 365
Chan, V. W., see Ramsey, R. S. 167
Chang, T., see Andrawes, F. 145
Chen, E. C. M., see Wentworth, W. E. 215
Cheng, Z., see Uden, P. C. 319
Cobb, K. A., see Liu, J. 55
Cole, W. J., see Brooks, C. J. W. 201
Dean, T. A.
—— and Poole, C. F.
Some practical aspects of column design for packed-column supercritical-fluid chromatography 127
Diehl, J. W., see Olson, E. S. 309
Dittmar, B. M., see Ramsey, R. S. 167
Dotzauer, A., see Liebich, H. M. 157
Driscoll, J. N.
—— and Berger, A. W.
Improved flame photometric detector for the analysis of sulfur compounds by gas chromatography 303
Egeler, E., see Jacob, K. 329
Ettre, L. S.
1963–1988: Twenty-five years of International Symposia on Advances in Chromatography 1
Evans, M. B.
—— and Haken, J. K.
Dispersion and selectivity indices in gas chromatography. IV. Chlorinated aromatic compounds 373
Freundlich, L., see Lam, S. 359
Fujimoto, Y., see Ikekawa, N. 91
Furton, K. G.
——, Purnel, J. H. and Stedman, G.
Stability constants of hydracid–tributyl phosphate complexes in alkane solution: hydrochloric acid and hydrogen cyanide 73
Haken, J. K., see Evans, M. B. 373
Hanai, T., see Hirukawa, M. 191
Hayashi, Y., see Watanabe, K. 383
Hawthorne, SD. B.
—— and Miller, D. J.
Supercritical-fluid chromatography–mass spectrometry of polycyclic aromatic hydrocarbons with a simple capillary direct interface 115
Hirukawa, M.
—— and Hanai, T.
Selectivity of an octadecyl-modified vinyl alcohol copolymer gel for the retention of polar compounds 191
Holzer, G.
——, Bourne, T. F. and Bertsch, W.
Analysis of *in situ* methylated microbial fatty acid constituents by Curie-point pyrolysis–gas chromatography–spectrometry 181
Horn, L., see Jellum, E. 43
Horning, E. C., see Kim, K. R. 289
Ikekawa, N.
——, Fujimoto, Y., Kadota, S. and Kikuchi, T.
Effective separation of sterol C-24 epimers 91
Ishibashi, M., see Watanabe, K. 383
Jacob, K.
——, Egeler, E., Neumeier, D. and Knedel, M.
Isocratic ion-pair high-performance liquid chromatographic methods for the determination of uroporphyrin and coproporphyrin type II and IV isomers in human urine 329
Jellum, E.
——, Thoresen, O., Horn, L., Seip, R., Nilsen, E., Kvittingen, E. A. and Stokke, O.
Advances in the use of computerized gas chromatography–mass spectrometry and high-performance liquid chromatography with rapid scanning detection for clinical diagnosis 43
Johnson, S. J., see Sung, N. J. 345
Kadota, S., see Ikekawa, N. 91

Karmen, A.
——, Malikin, G. and Lam, S.
Highly sensitive on-line radioassay of high-performance liquid chromatographic effluents 279
——, see Lam, S. 359
Kersten, B. R.
——, Poole, S. K. and Poole, C. F.
Thermodynamic approach to the practical characterization of solvent strength and selectivity of commonly used stationary phases in gas chromatography 235
Kikuchi, T., see Ikekawa, N. 91
Kim, K. R.
——, Zlatkis, A., Horning, E. C. and Middleditch, B. S.
Simultaneous gas chromatography of volatile and non-volatile carboxylic acids as *tert.*-butyldimethylsilyl derivatives 289
Knedel, M., see Jacob, K. 329
Kvittingen, E. A., see Jellum, E. 43
Lam, S.
——, Malikin, G., Murphy, M., Freundlich, L. and Karmen, A.
Confirming chiral high-performance liquid chromatographic separations with stereospecific enzymes 359
——, see Karmen, A. 279
Liebich, H.M .
——, Dotzauer, A. and Tetschner, B.
Gas chromatographic determination of oxo- and hydroxycarboxylic acids in serum and urine of diabetic and normal subjects 157
Limero, T., see Wentworth, W. E. 215
Liu, J.
——, Cobb, K. A. and Novotny, M.
Separation of precolumn *ortho*-phthalaldehyde-derivatized amino acids by capillary zone electrophoresis with normal and micellar solutions in the presence of organic modifiers 55
Malikin, G., see Karmen, A. 279
——, see Lam, S. 359
Middleditch, B. S., see Kim, K. R. 289
Miller, D. J., see Hawthorne, S. B. 115
Miyazaki, H., see Watanabe, K. 383
Morgan, E. D.
—— and Bradley, N.
Method for analysis of dilute vapours in flue gases and working atmospheres 339
Murphy, M., see Lam, S. 359
Neumeier, D., see Jacob, K. 329
Nilsen, E., see Jellum, E. 43
Novotny, M., see Liu, J. 55
Olson, E. S.
—— and Diehl, J. W.
Characterization of coal liquefaction products by gas chromatography–Fourier transform infrared spectroscopy–mass spectrometry 309
Pfleiderer, B.
—— and Bayer, E.
Silanediol groups of the silica gel Nucleosil: active sites involved in the chromatographic behaviour of bases 67
Phillips, C. S. G.
Chromatography and the discovery process 35
Pomaville, R. M.
—— and Poole, C. F.
Changes in retention and polarity accompanying the replacement of hydrogen by fluorine in tetraalkylammonium alkyl- and arylsulfonatew salts used as stationary phases in gas chromatography 261
Poole, C. F., see Dean, T. A. 127
——, see Kersten, B. R. 235
——, see Pomaville, R. M. 261
Poole, S. K., see Kersten, B. R. 235
Purnell, J. H., see Furton, K. G. 73
Ramsey, R. S.
——, Chan, V. W., Dittmar, B. M. and Row, K. H.
Retention modification of nucleic acid constituents in reversed-phase high-performance liquid chromatography 167
Row, K. H., see Ramsey, R. S. 167
Scharrer, R., see Andrawes, F. 145
Seip, R., see Jellum, E. 43
Stedman, G., see Furton, K. G. 73
Stokke, O., see Jellum, E. 43
Sung, N. J.
—— and Johnson, S. J.
Determination of the total amount sulfur in petroleum fractions by capillary gas chromatography in combination with cold trapping and a total sulfur analyzer 345
Tetschner, B., see Liebich, H. M. 157
Thoresen, O., see Jellum, E. 43
Turcotte, J. G., see Beebe, J. M. 225
Uden, P. C.
——, Yoo, Y., Wang, T. and Cheng, Z.
Element-selective gas chromatographic detection by atomic emission spectroscopy. Review and developments 319
Wang, T., see Uden, P. C. 319
Watanabe, K.
——, Yamashita, K., Ishibashi, M., Hayashi, Y., Yamamoto, S. and Miyazaki, H.
Microdetermination of 11-dehydrothromboxane B_2 in human urine by gas chromatography–selected-ion monitoring 383

Wentworth, W. E.
——, Limero, T., Batten, C. F. and Chen, E. C. M.
Non-radioactive electron-capture detector for gas chromatography 215
Xiang, M.
—— and Bruner, F.
Wall-coated adsorbent open-tubular fused-silica columns for the separation of complex pyrolysis products 365
Yamamoto, S., see Watanabe, K. 383
Yamashita, K., see Watanabe, K. 383
Yoo, Y., see Uden, P. C. 319
Zlatkis, A., see Kim, K. R. 289